

ENGINEERING CHANGE PROPOSAL (SHORT FORM) <i>(See MIL-STD-481 for instructions)</i>				DATE (YYYYMMDD) 20040823		<i>Form Approved</i> OMB No. 0704-0188																												
				PROCURING ACTIVITY NUMBER N/A																														
The public burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THIS ADDRESS.																																		
1. ORIGINATOR NAME AND ADDRESS Kase J. Saylor Southwest Research Institute 6220 Culebra Rd. Bldg. 189 San Antonio, TX 78238					2. CONTRACT NUMBER AND LINE ITEM 3. PROCURING CONTRACTING OFFICER CODE _____ TEL _____																													
4. TITLE OF CHANGE Administrative Function Routines must use two Hit Words.																																		
5. ECP NUMBER MCC 2004013			REV 1	AMEND	6. CAGE CODE	7. CLASS OF ECP	8. JUST CODE	9. PRIORITY																										
10. SPECIFICATIONS AFFECTED <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAGE CODE</th> <th>SPECIFICATION / DOCUMENT NO.</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td></td> <td>PMT 90-S002</td> <td>I</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				CAGE CODE	SPECIFICATION / DOCUMENT NO.	REV		PMT 90-S002	I										11. DRAWINGS AFFECTED <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>CAGE CODE</th> <th>NUMBER</th> <th>REV</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				CAGE CODE	NUMBER	REV									
CAGE CODE	SPECIFICATION / DOCUMENT NO.	REV																																
	PMT 90-S002	I																																
CAGE CODE	NUMBER	REV																																
12. CONFIGURATION ITEM NOMENCLATURE / TYPE DESIGNATION / WEAPON SYSTEM CODE N/A						13. IN PRODUCTION <input type="checkbox"/> YES <input type="checkbox"/> NO																												
14. LOWEST ASSEMBLY AFFECTED <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>NOMENCLATURE</th> <th>PART NO.</th> <th>NSN</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td> </td> <td> </td> </tr> </tbody> </table>								NOMENCLATURE	PART NO.	NSN	N/A																							
NOMENCLATURE	PART NO.	NSN																																
N/A																																		
15. DESCRIPTION OF CHANGE (Attach a document showing [a] existing document paragraph, figure, or table and [b] modified document paragraph, figure, or table with the change incorporated). Change the number of Administrative Hit Words to two for Administrative Function Routines.																																		
16. NEED FOR CHANGE Set a standard of one or two Hit Words for Administrative Function Routines.																																		
17. EFFECT ON ASSOCIATED EQUIPMENT																																		
18. PRODUCTION EFFECTIVITY BY SERIAL NUMBER				19. EFFECT ON PRODUCTION DELIVERY SCHEDULE																														
20. RECOMMENDED RETROFIT EFFECTIVITY		21. ESTIMATED KIT DELIVERY SCHEDULE			22. ESTIMATED COST/SAVINGS																													
23. SUBMITTING ACTIVITY AUTHORIZING SIGNATURE Kase Saylor Signed 11/8/2004					23.a. TITLE Engineer, SWRI																													
24. APPROVAL/DISAPPROVAL a. RECOMMENDED <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> DISAPPROVAL																																		
b. APPROVAL <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		c. GOVERNMENT ACTIVITY PEOSTRI 12350 Research Parkway Orlando, FL 32826-3276			SIGNATURE Perry R. Smith, LTC AD PMLTS		DATE (YYYYMMDD) 20041108																											
d. APPROVAL <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		e. GOVERNMENT ACTIVITY			SIGNATURE		DATE (YYYYMMDD)																											

15a. Existing document paragraph, figure, or table.**4.1 Direct Fire Weapon Routine (DFR) Decoding.**

The DFR decoding scheme requires the reception for decoding the number of Words per Direct Fire Weapon Message as follows.

Vehicle Target Systems: Two (2) Hit Words or two (2) Near Miss Words within an eight (8) Word time period for all MILES codes as listed in Appendix A.

Man Worn & Crew Served Weapon-Target Systems: Either One (1) Hit word or One (1) Near Miss Word within an eight (8) Word time period for MILES Codes 00,24,27,29,30,35, and 36 as listed in Appendix A. Or either Two (2) Hit Words or two (2) Near Miss Word within an eight (8) Word time period for all other MILES codes as listed in Appendix A

4.4. Administrative Function Routine (AFR) Decoding.

The AFR decoding scheme for functions other than “Boresight” may require the decoding of one (1) or two (2) Administrative Hit Words within an eight (8) Word time period.

15b. Modified document paragraph, figure, or table with the change incorporated.**4.1 Direct Fire Weapon Routine (DFR) Decoding.**

The DFR decoding scheme requires the reception for decoding the number of Words per Direct Fire Weapon Message as follows.

Vehicle Target Systems: Two (2) Hit Words or two (2) Near Miss Words within an eight (8) Word time period for all MILES codes as listed in Appendix A.

Man Worn & Standalone MILES TOW Systems: Either One (1) Hit word or One (1) Near Miss Word within an eight (8) Word time period for MILES Codes 00, 24,27, and 29 as listed in Appendix A. Or either Two (2) Hit Words or two (2) Near Miss Word within an eight (8) Word time period for all other MILES codes as listed in Appendix A

4.4. Administrative Function Routine (AFR) Decoding.

The AFR decoding scheme for functions other than “Boresight” requires the decoding of one (1) word for Man Worn and Standalone MILES TOW Systems and two (2) Administrative Hit Words for all other systems within an eight (8) Word time period.